

Water Quality Goals Table Structure and Data Dictionary

A. Fields in the wq_goals table:

<u>Field Name</u>	<u>Function</u>
Name1	Primary chemical (parameter) name
Name2	First synonym for chemical (parameter)
Name3	Second synonym for chemical (parameter)
Name4	Third synonym for chemical (parameter)
Sort_Name	Primary chemical (parameter) name with spaces, commas and dashes removed and numbers and prefixes moved to the end of the name
CAS_Number	Chemical Abstracts Service Registry Number for parameter
Organic_Inorganic	Whether the chemical (parameter) is an organic chemical or an inorganic chemical
Update	Last date that information on this parameter was updated (originally set to 8/5/2004)

For each type of limit (see list of Limit Names below), the following fields are used:

<u>Field Name</u>	<u>Function</u>
<i>Limit_Name</i>	Water quality limit
<i>Limit_Name_2</i>	Draft or alternate water quality limit
<i>Limit_Name_unit</i>	Units (default = ug/L; if blank, assume ug/L)
<i>Limit_Name_note</i>	Links to Excel spreadsheets of variable limits
<i>Limit_Name_fn1</i>	First footnote number
<i>Limit_Name_fn2</i>	Second footnote number
<i>Limit_Name_date</i>	Adoption date for limit in <i>Limit_Name</i> field

<u>Limit Name</u>	<u>Type of Limit</u>
CA_Prim_MCL	California Primary Maximum Contaminant Level
CA_Sec_MCL	California Secondary Maximum Contaminant Level
USEPA_Prim_MCL	USEPA Primary Maximum Contaminant Level
USEPA_Sec_MCL	USEPA Secondary Maximum Contaminant Level
USEPA_MCL_Goal	USEPA Maximum Contaminant Level Goal
CA_PHG	California Public Health Goal
CA_Action_Level	California State Notification (Action) Level
USEPA_IRIS_RfD	USEPA Integrated Risk Information System, Reference Dose
USEPA_HA_NonCancer	USEPA Health Advisory, effects other than cancer
NAS_HA_NonCancer	National Academy of Sciences Health Advisory, effects other than cancer
CalEPA_Cancer_Potency	CalEPA Toxicity Criteria Database, Cancer Potency Factor
USEPA_IRIS_Cancer	USEPA Integrated Risk Information System, Cancer Risk Level
USEPA_HA_Cancer	USEPA Health Advisory, Cancer Risk Level
NAS_Cancer	National Academy of Sciences Health Advisory, Cancer Risk Level
Prop65_Cancer	Proposition 65 Regulatory Level, based on cancer risk
Prop65_Repro	Proposition 65 Regulatory Level, based on reproductive toxicity
TO_Threshold	Taste or Odor Threshold, other than National Recommended Ambient Water Quality Criteria
Ag_Goals	Agricultural Use Protective Limit
CA_Inland_Health_DW	California (or National) Toxics Rule Criterion to protect human health for waters designated sources of drinking water
CA_Inland_Health_Other	California (or National) Toxics Rule Criterion to protect human health for waters not designated sources of drinking water

Water Quality Goals Table Structure and Data Dictionary

CA_Inland_4Day	California (or National) Toxics Rule Criterion to protect freshwater aquatic life, Criteria Continuous Concentration, 4-day average
CA_Inland_24Hr	California (or National) Toxics Rule Criterion to protect freshwater aquatic life, 24-hour average
CA_Inland_1Hr	California (or National) Toxics Rule Criterion to protect freshwater aquatic life, Criteria Maximum Concentration , 1-hour average
CA_Inland_Max	California (or National) Toxics Rule Criterion to protect freshwater aquatic life, instantaneous maximum
CA_BayEst_Health	California (or National) Toxics Rule Criterion to protect human health for waters not designated sources of drinking water
CA_BayEst_4Day	California (or National) Toxics Rule Criterion to protect saltwater aquatic life, Criteria Continuous Concentration, 4-day average
CA_BayEst_24Hr	California (or National) Toxics Rule Criterion to protect saltwater aquatic life, 24-hour average
CA_BayEst_1Hr	California (or National) Toxics Rule Criterion to protect saltwater aquatic life, Criteria Maximum Concentration, 1-hour average
CA_BayEst_Max	California (or National) Toxics Rule Criterion to protect saltwater aquatic life, instantaneous maximum
CA_Ocean_Health	California Ocean Plan water quality objective to protect human health
CA_Ocean_6Mo	California Ocean Plan water quality objective to protect marine aquatic life, 6-month median
CA_Ocean_30Day	California Ocean Plan water quality objective to protect marine aquatic life, 30-day average
CA_Ocean_7Day	California Ocean Plan water quality objective to protect marine aquatic life, 7-day average
CA_Ocean_DailyMax	California Ocean Plan water quality objective to protect marine aquatic life, daily maximum
CA_Ocean_InstMax	California Ocean Plan water quality objective to protect marine aquatic life, instantaneous maximum
NAWQC_Health_WF	National Recommended Ambient Water Quality Criteria to protect human health from consumption of water and aquatic organisms, effects other than cancer
NAWQC_Health_F	National Recommended Ambient Water Quality Criteria to protect human health from consumption of aquatic organisms only, effects other than cancer
NAWQC_Cancer_WF	National Recommended Ambient Water Quality Criteria to protect human health from consumption of water and aquatic organisms, cancer risk level
NAWQC_Cancer_F	National Recommended Ambient Water Quality Criteria to protect human health from consumption of aquatic organisms only, cancer risk level
NAWQC_TO	National Recommended Ambient Water Quality Criteria for organoleptic effects
NAWQC_Fresh_4Day	National Recommended Ambient Water Quality Criteria to protect freshwater aquatic life, Criteria Continuous Concentration, 4-day average
NAWQC_Fresh_24Hr	National Recommended Ambient Water Quality Criteria to protect freshwater aquatic life, 24-hour average

Water Quality Goals Table Structure and Data Dictionary

NAWQC_Fresh_1Hr	National Recommended Ambient Water Quality Criteria to protect freshwater aquatic life, Criteria Maximum Concentration, 1-hour average
NAWQC_Fresh_Max	National Recommended Ambient Water Quality Criteria to protect freshwater aquatic life, instantaneous maximum
NAWQC_Fresh_AcuteInfo	National Recommended Ambient Water Quality Criteria, freshwater aquatic life acute toxicity information
NAWQC_Fresh_ChronicInfo	National Recommended Ambient Water Quality Criteria, freshwater aquatic life chronic toxicity information
NAWQC_Fresh_OtherInfo	National Recommended Ambient Water Quality Criteria, freshwater aquatic life other toxicity information
NAWQC_Salt_4Day	National Recommended Ambient Water Quality Criteria to protect saltwater aquatic life, Criteria Continuous Concentration, 4-day average
NAWQC_Salt_24Hr	National Recommended Ambient Water Quality Criteria to protect saltwater aquatic life, 24-hour average
NAWQC_Salt_1Hr	National Recommended Ambient Water Quality Criteria to protect saltwater aquatic life, Criteria Maximum Concentration, 1-hour average
NAWQC_Salt_Max	National Recommended Ambient Water Quality Criteria to protect saltwater aquatic life, instantaneous maximum
NAWQC_Salt_AcuteInfo	National Recommended Ambient Water Quality Criteria, saltwater aquatic life acute toxicity information
NAWQC_Salt_ChronicInfo	National Recommended Ambient Water Quality Criteria, saltwater aquatic life chronic toxicity information
NAWQC_Salt_OtherInfo	National Recommended Ambient Water Quality Criteria, saltwater aquatic life other toxicity information

B. Values of the *Limit_Name_note* fields in the *wq_goals* table:

see page X Identifies an Excel spreadsheet (with the name “X.xls”) of limits that vary with other parameter(s), such as pH, temperature, or hardness.

C. Fields in the “footnotes” table:

Field Name	Function
Footnote_Number	The number of the footnote, also used in the fields <i>Limit_Name_fn1</i> and <i>Limit_Name_fn2</i> in the “wq_goals” table
Footnote_Text	Text of the footnote, without any cited reference or page number
Reference_Number	Number of the reference cited in the footnote
Page_Number	Page number cited in the footnote
Text_Reference_Page	Calculation field that combines entries in the fields Footnote_Text, Reference_Number, and Page_Number to create the full text of the footnote

Water Quality Goals Table Structure and Data Dictionary

D. Fields in the “references” table:

Note: There is no corresponding SQL Server table to this FileMaker Pro table. Information in this table is used to manage the reference information found on the “references_wq.htm” page.

<u>Field Name</u>	<u>Function</u>
Reference_Number	The number of the reference, also used in the Reference_Number field in the “footnotes” table
Reference_Text	Text of the reference

28 July 2008